

FIG.1

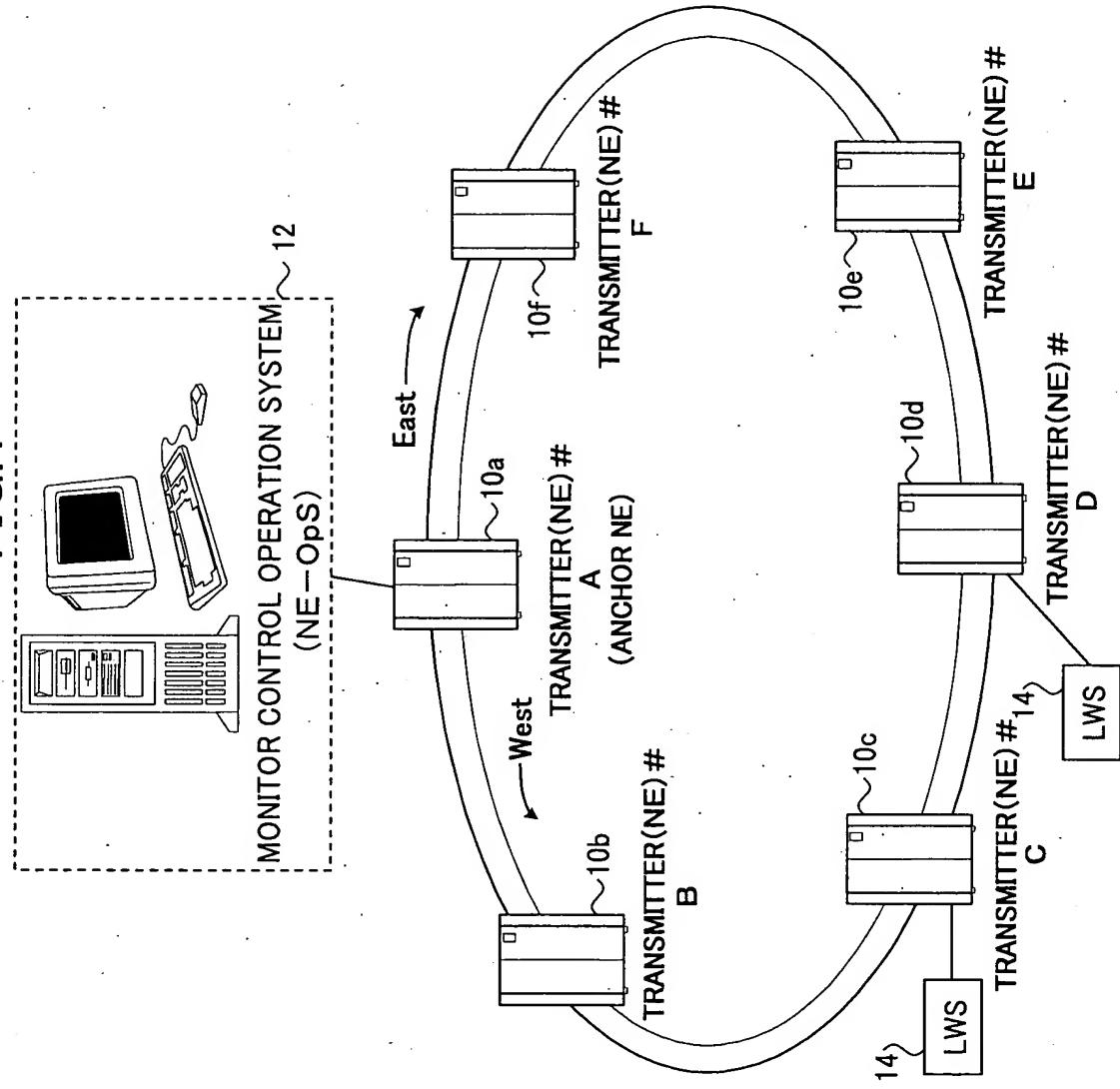


FIG. 2A

FIG. 2B

FIG.3

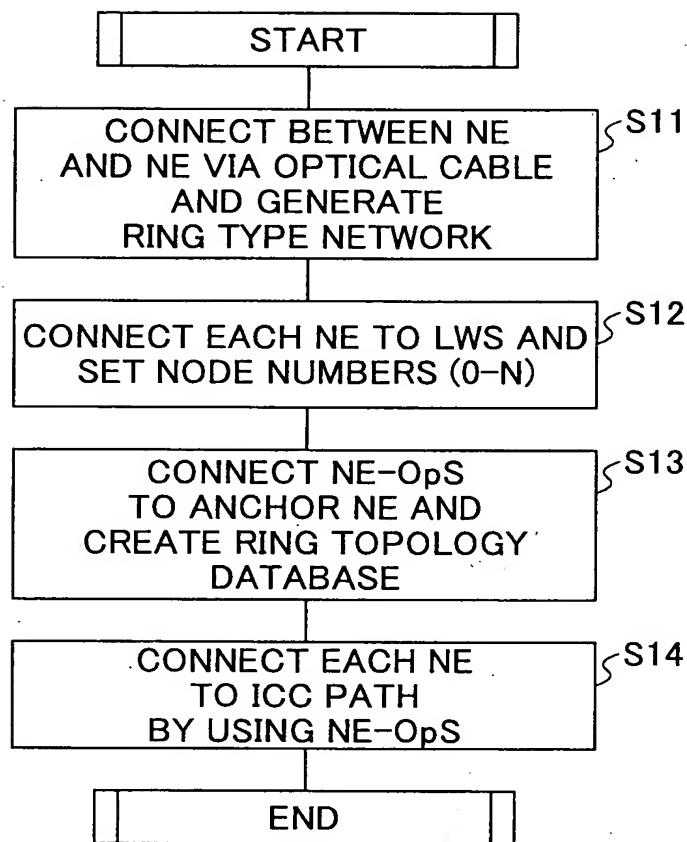


FIG.4

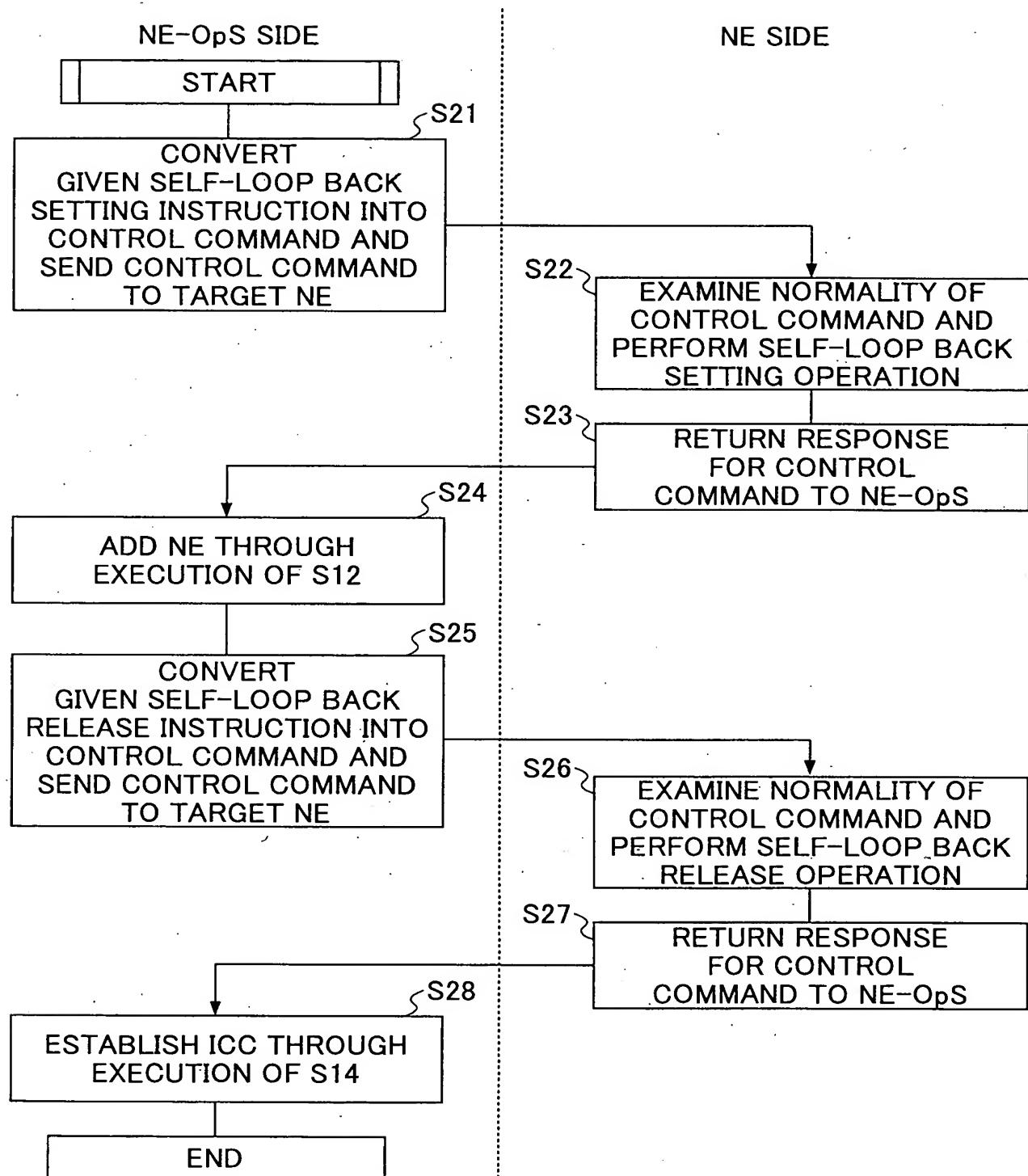


FIG.5

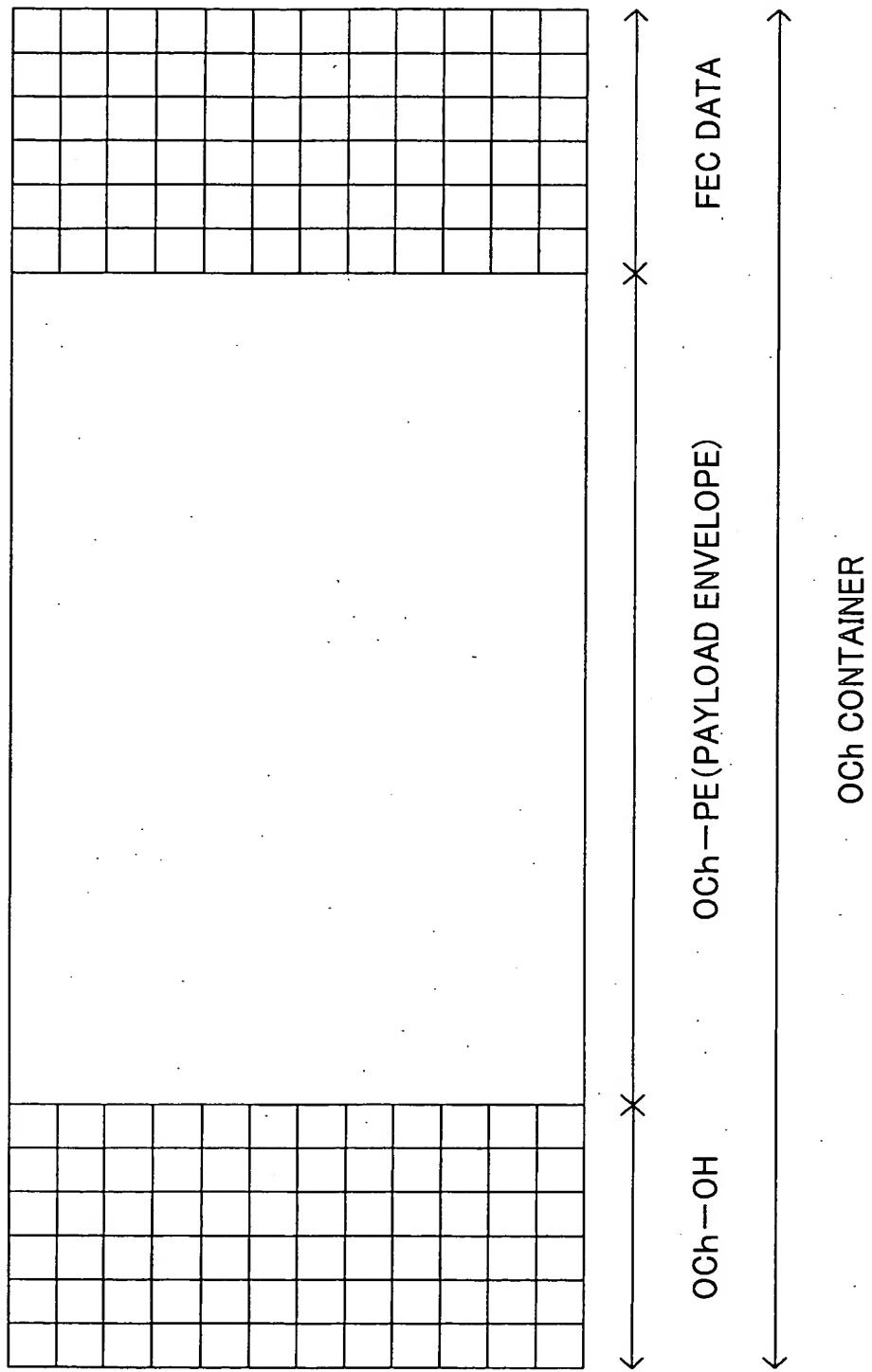


FIG.6

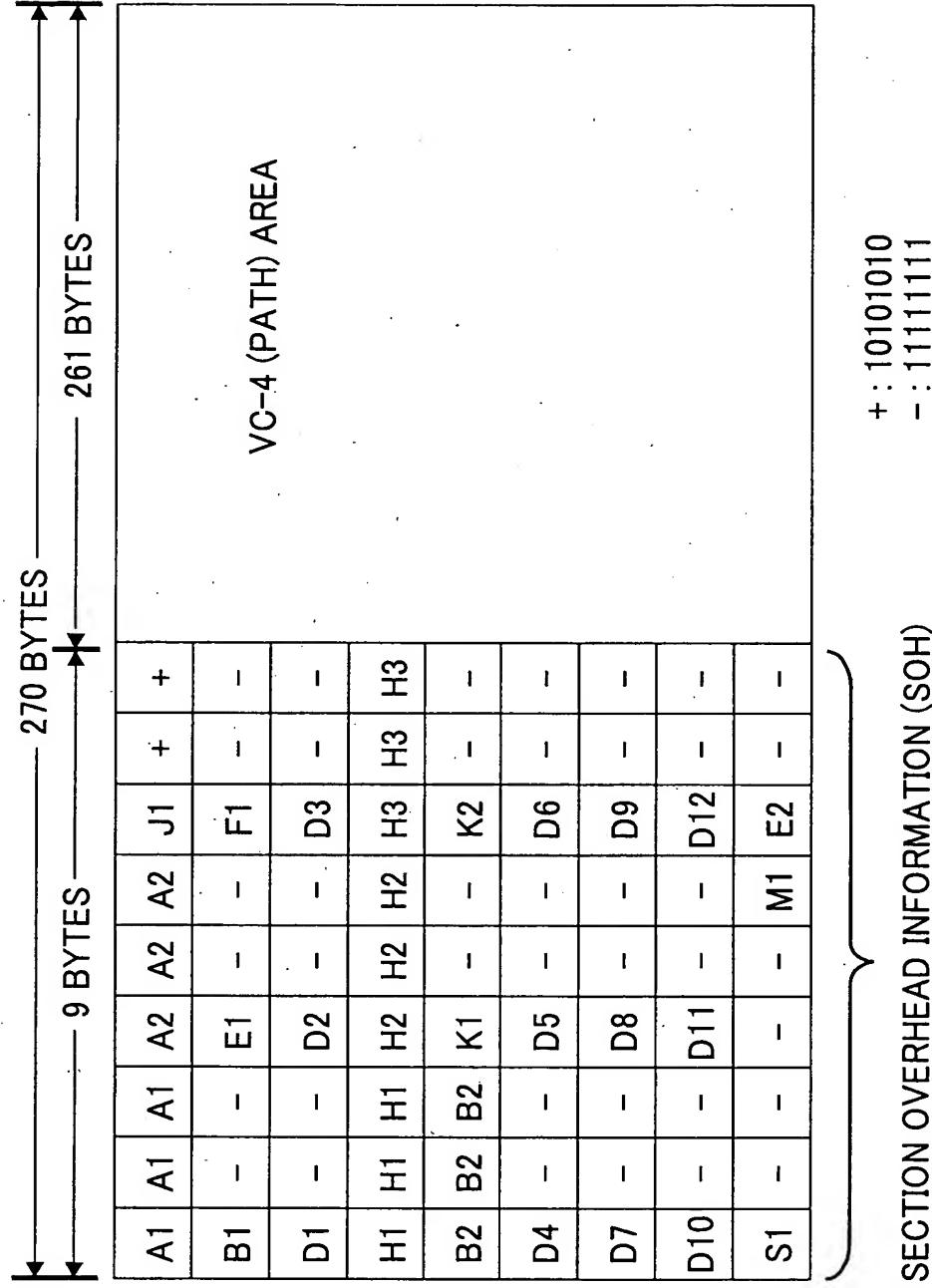


FIG.7

BYTE	FUNCTION	CONTENT
A1,2	FRAME SYNCHRONIZATION	A1:1110110, A2:00101000
J0	STM-1 IDENTIFICATION	00000001
B1	ERROR MONITORING OF RELAY SECTION	BIP-8 OPERATION RESULT OF ALL BITS OF PREVIOUS FRAME
E1	UNDEFINED	all "1"
F1	TROUBLE IDENTIFICATION OF RELAY STATION	SECTION STATUS
D1~3	UNDEFINED	all "1"
B2	ERROR MONITORING OF SECTION	BIP24 OPERATION RESULT OF ALL BITS OTHER THAN SOH OF 1ST THROUGH 3RD LINES OF PREVIOUS FRAME
K1,2	UNDEFINED	all "0"
D4~12	UNDEFINED	all "1"
S1,M1	UNDEFINED	all "1"
E2	UNDEFINED	all "1"
H1	DESIGNATION OF VC-4 HEAD POSITION	01101010
H2	DESIGNATION OF VC-4 HEAD POSITION	00001010
H3	BYTE FOR NEGATIVE STACK	all "1"

FIG.8

OPERATION TYPE	RING NUMBER	RING DIRECTION	TARGET NODE NUMBER
TTL DECREMENT	ORIGINAL TTL	WRITING POSITION NUMBER	ORIGINAL RING NUMBER
A1	A2	A3	A4
A5	A6	A7	A8
A9	A10	A11	A12
A13	A14	A15	A16
B1	B2	B3	B4
B5	B6	B7	B8
B9	B10	B11	B12
B13	B14	B15	B16

FIG.9

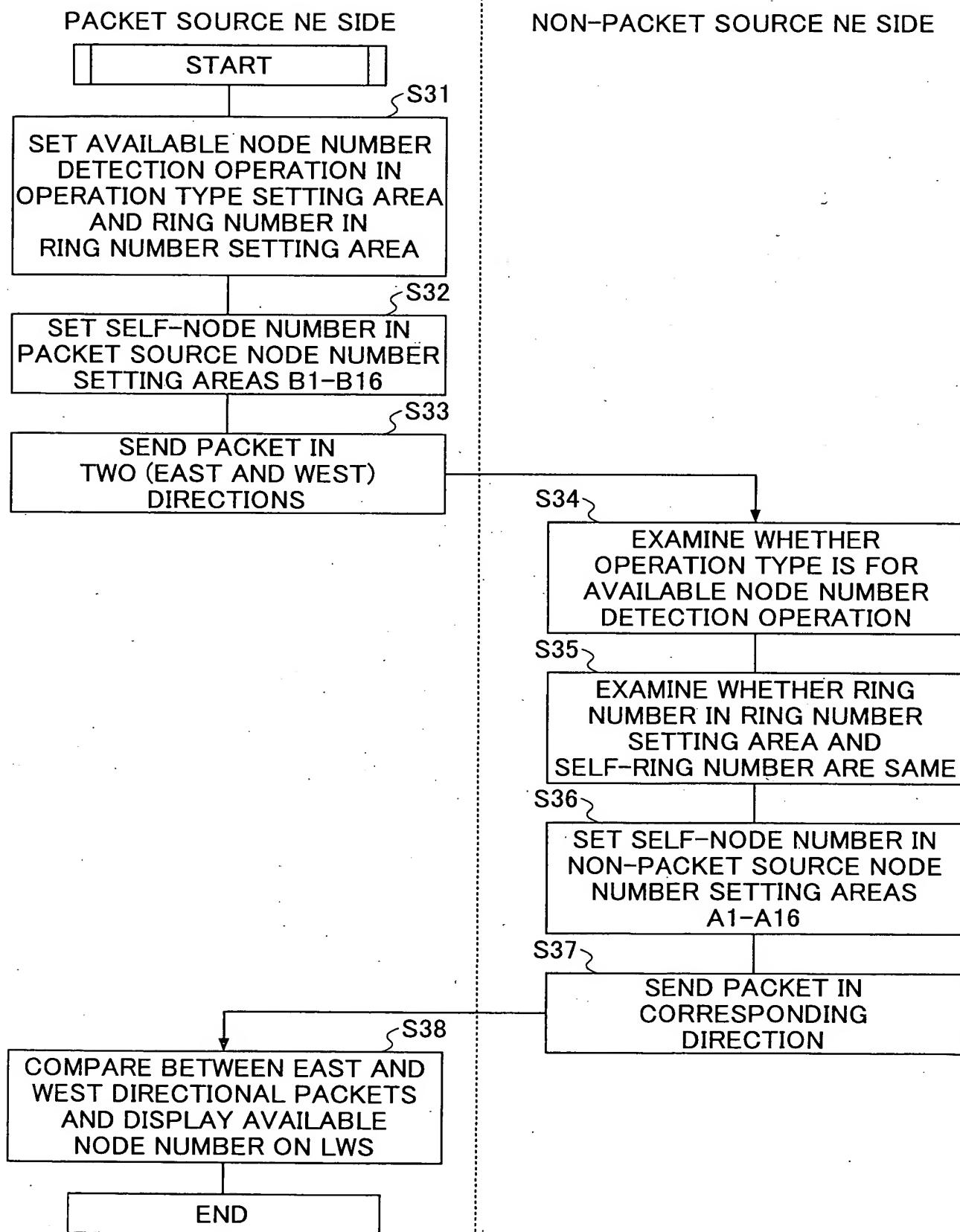


FIG.10

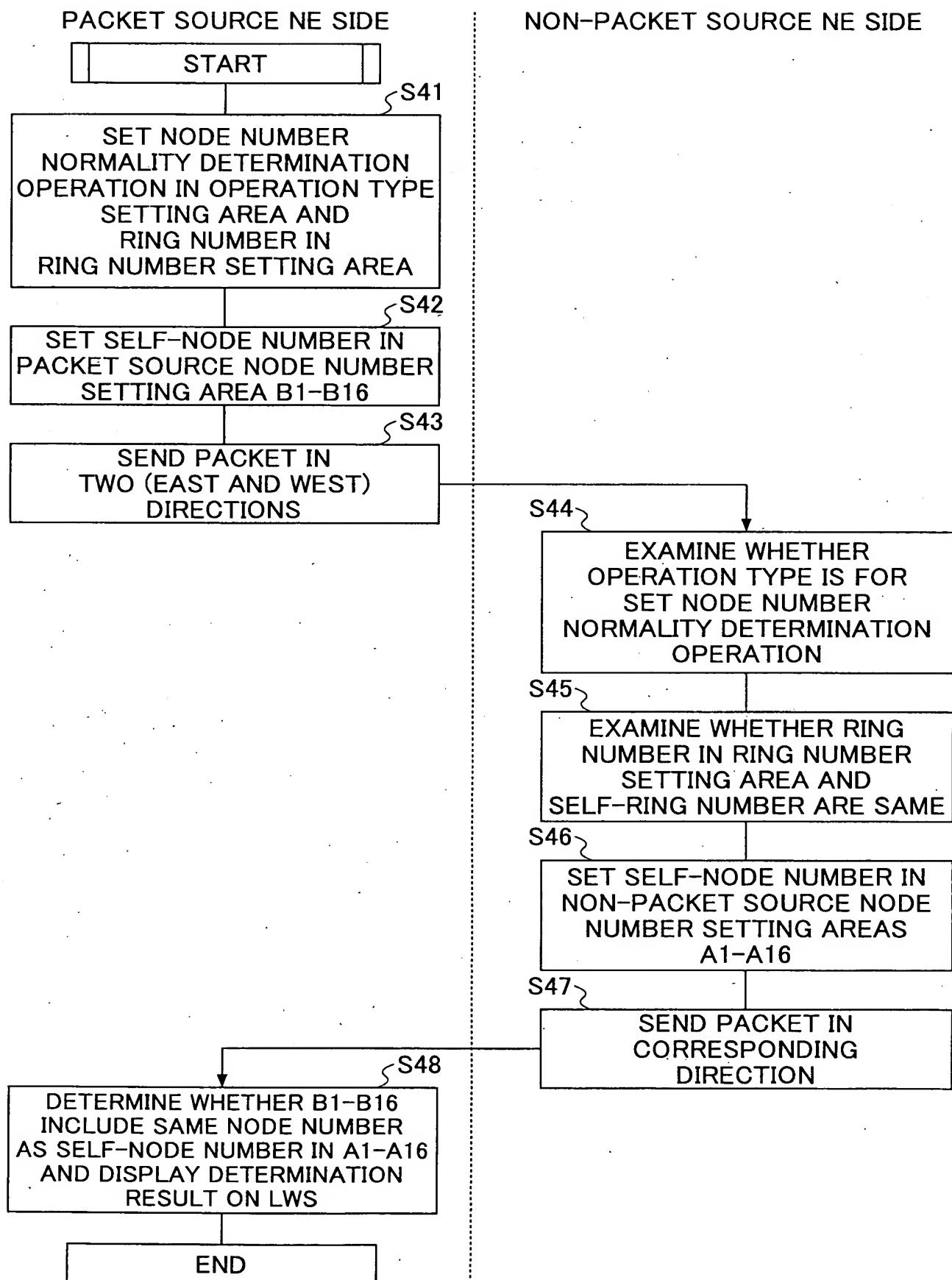


FIG.11

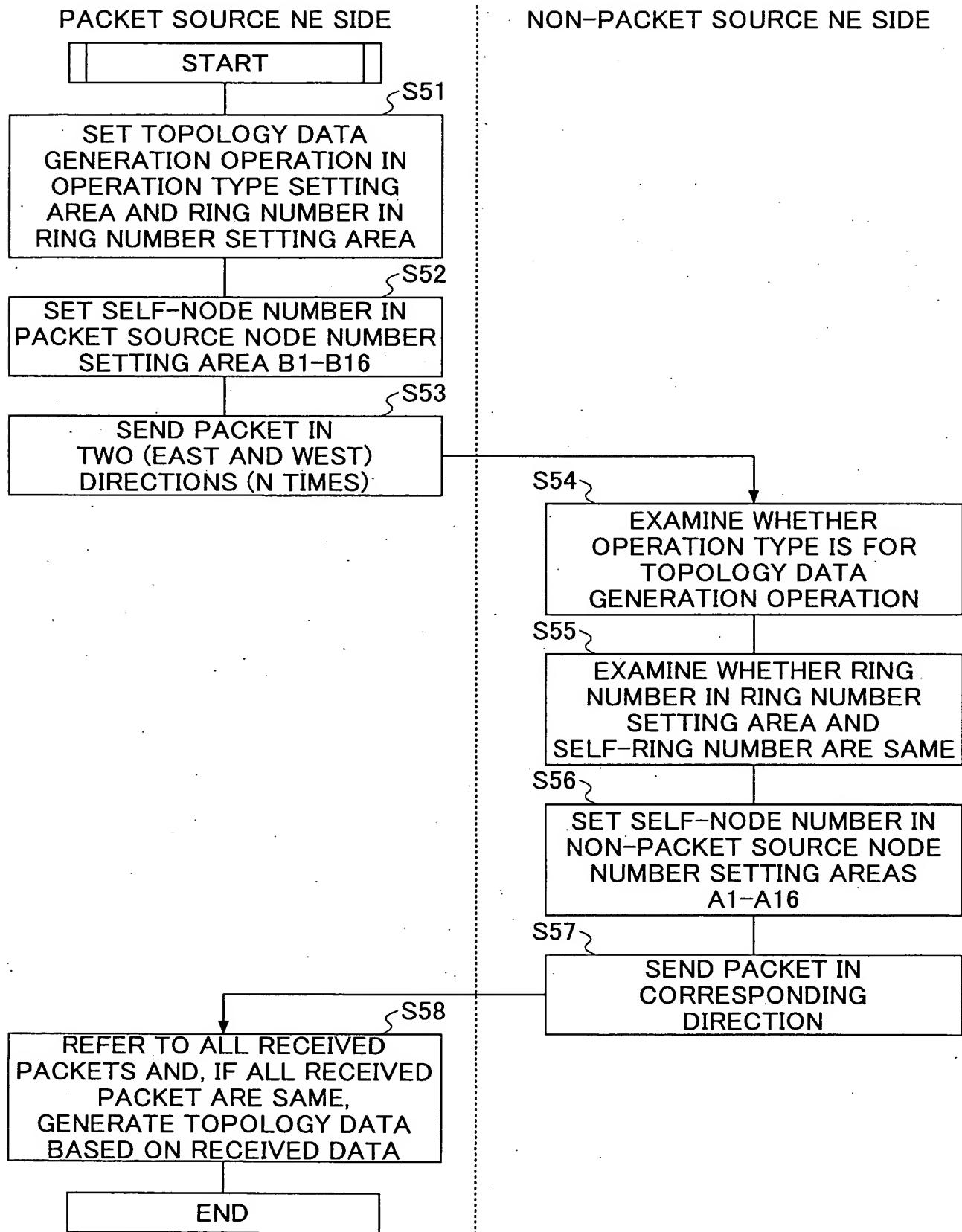


FIG.12

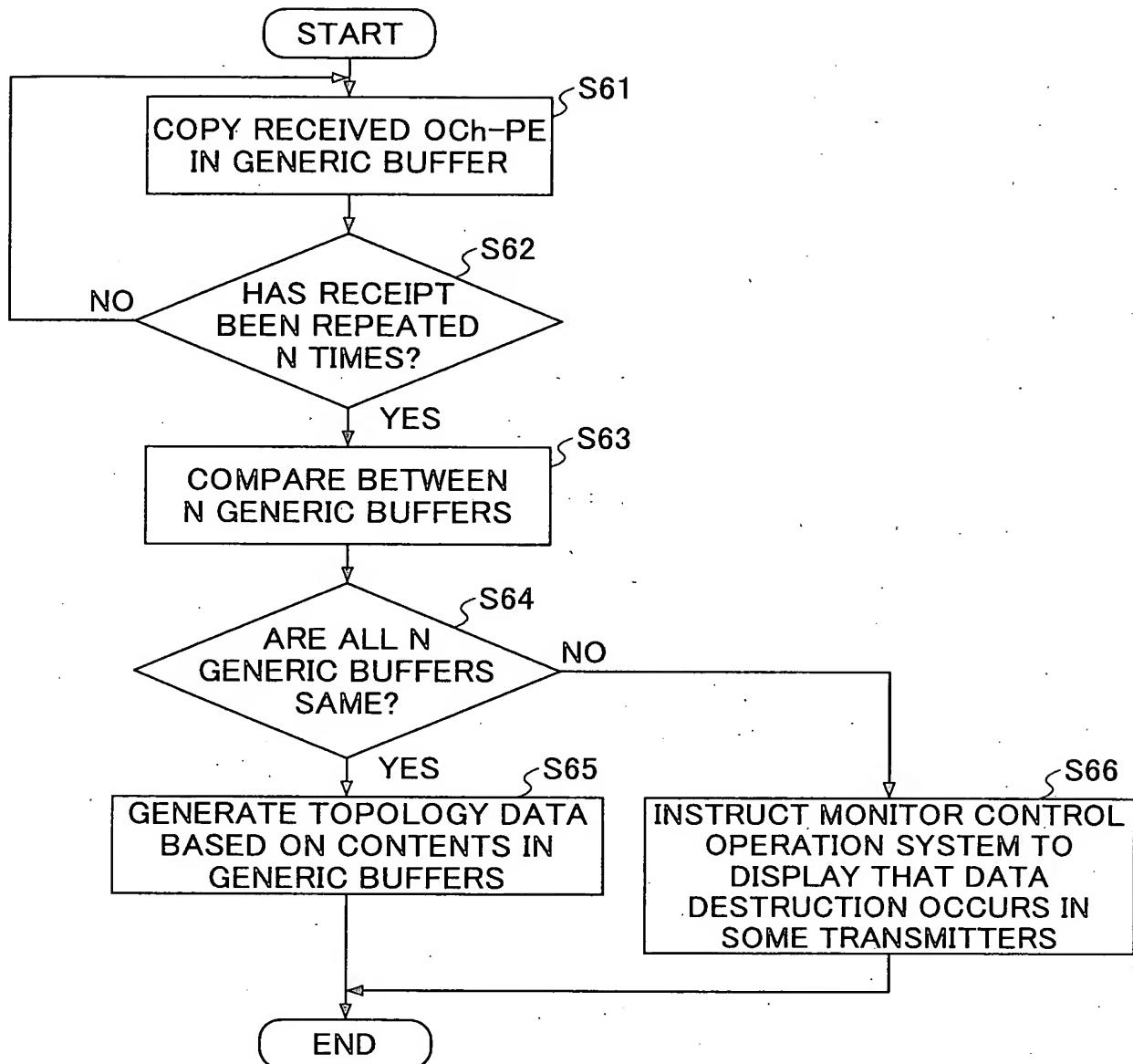


FIG. 13

RING NUMBER					
NE NUMBER	NE STATUS	GW ATTRIBUTE			
0	OPERATIONAL	OFF			
5	OPERATIONAL	OFF			
9	OPERATIONAL	OFF			
14	OPERATIONAL	OFF			
255	CLOSED	OFF			

3	0	0	0	0
128	128	4	0	0
0	5	9	14	
255	255	255	255	255
255	255	255	255	255
255	255	255	255	255
255	255	255	255	255
255	255	255	255	255
255	255	255	255	255

22 ~

21 ~

FIG.14

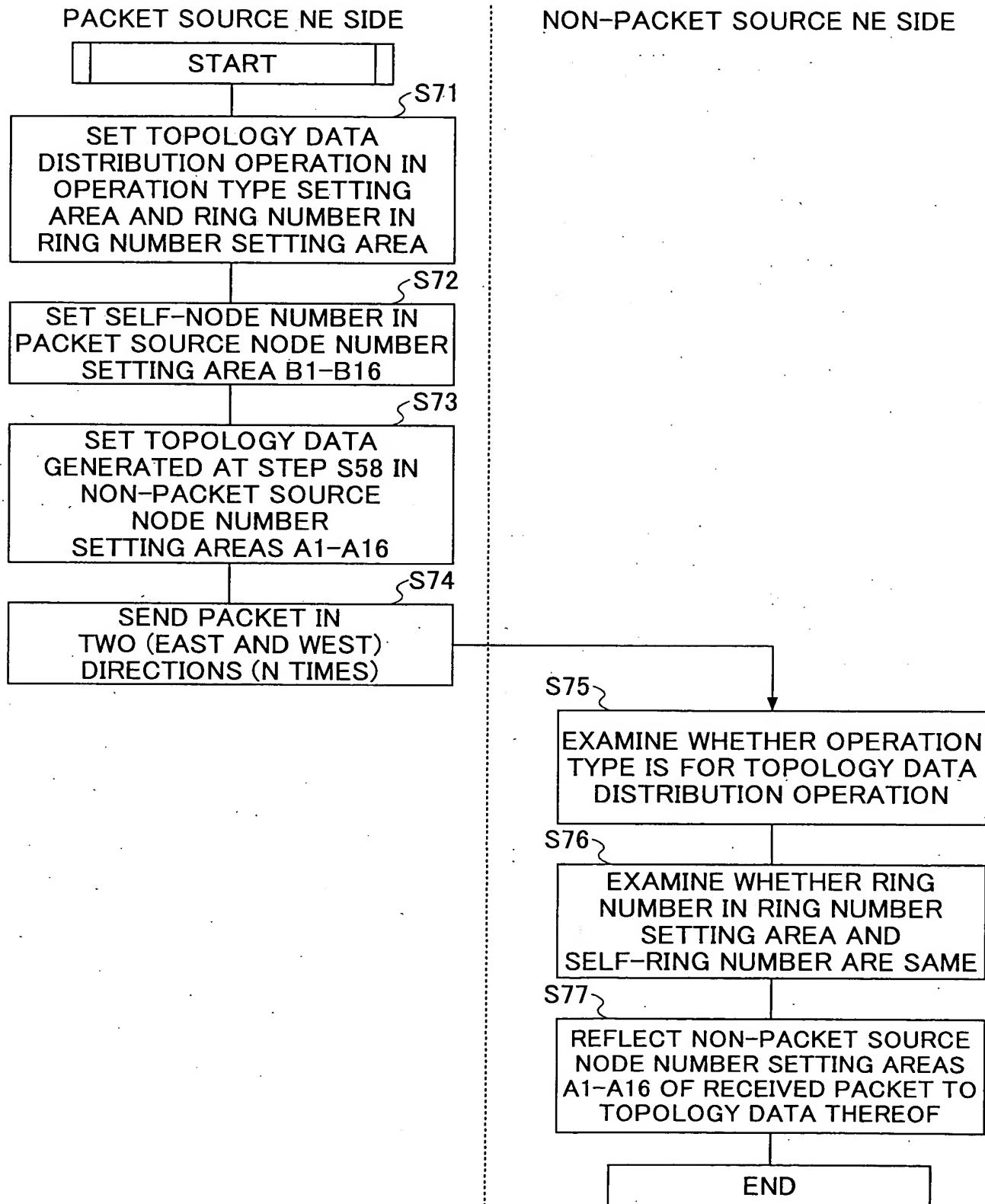


FIG.15

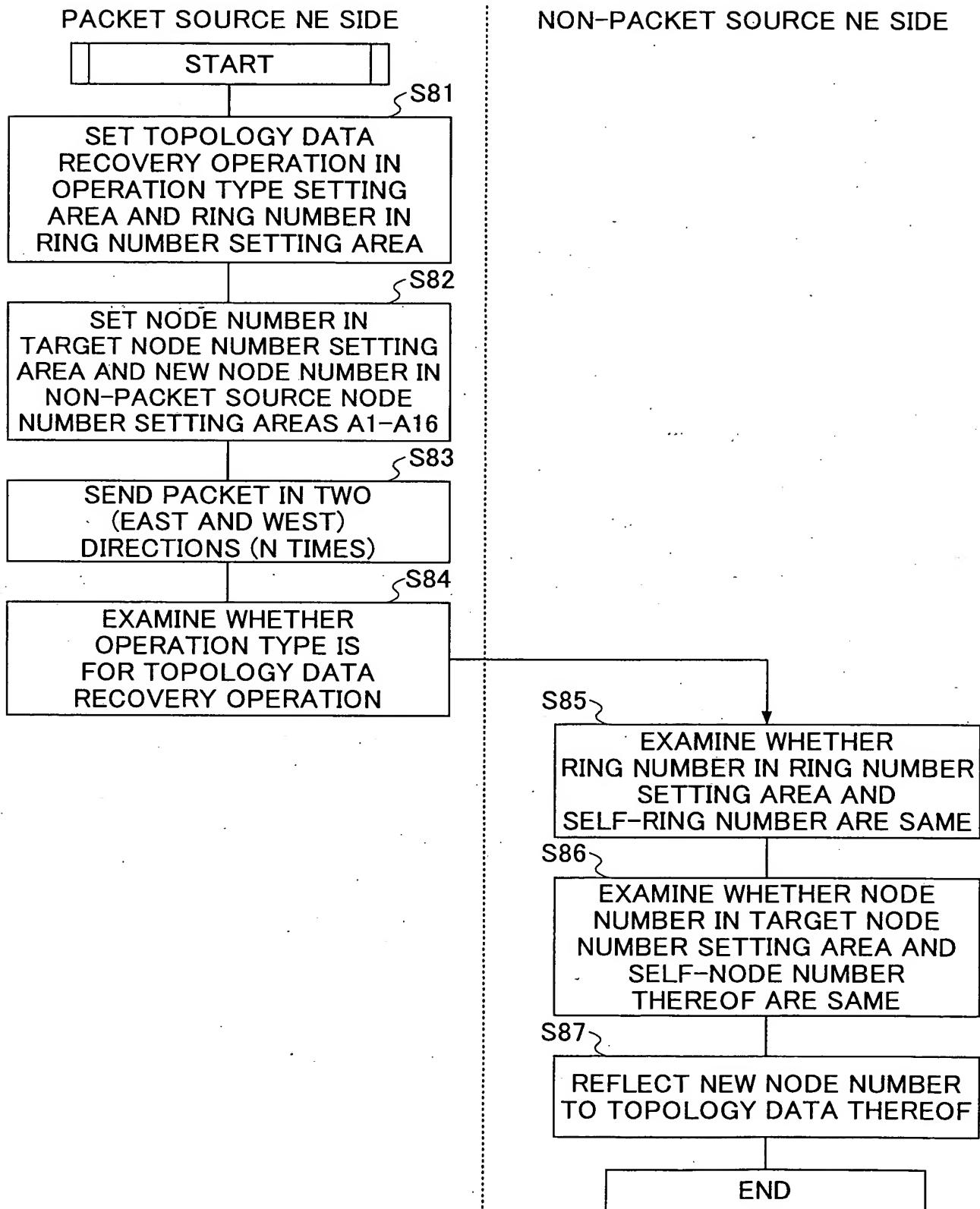


FIG. 16

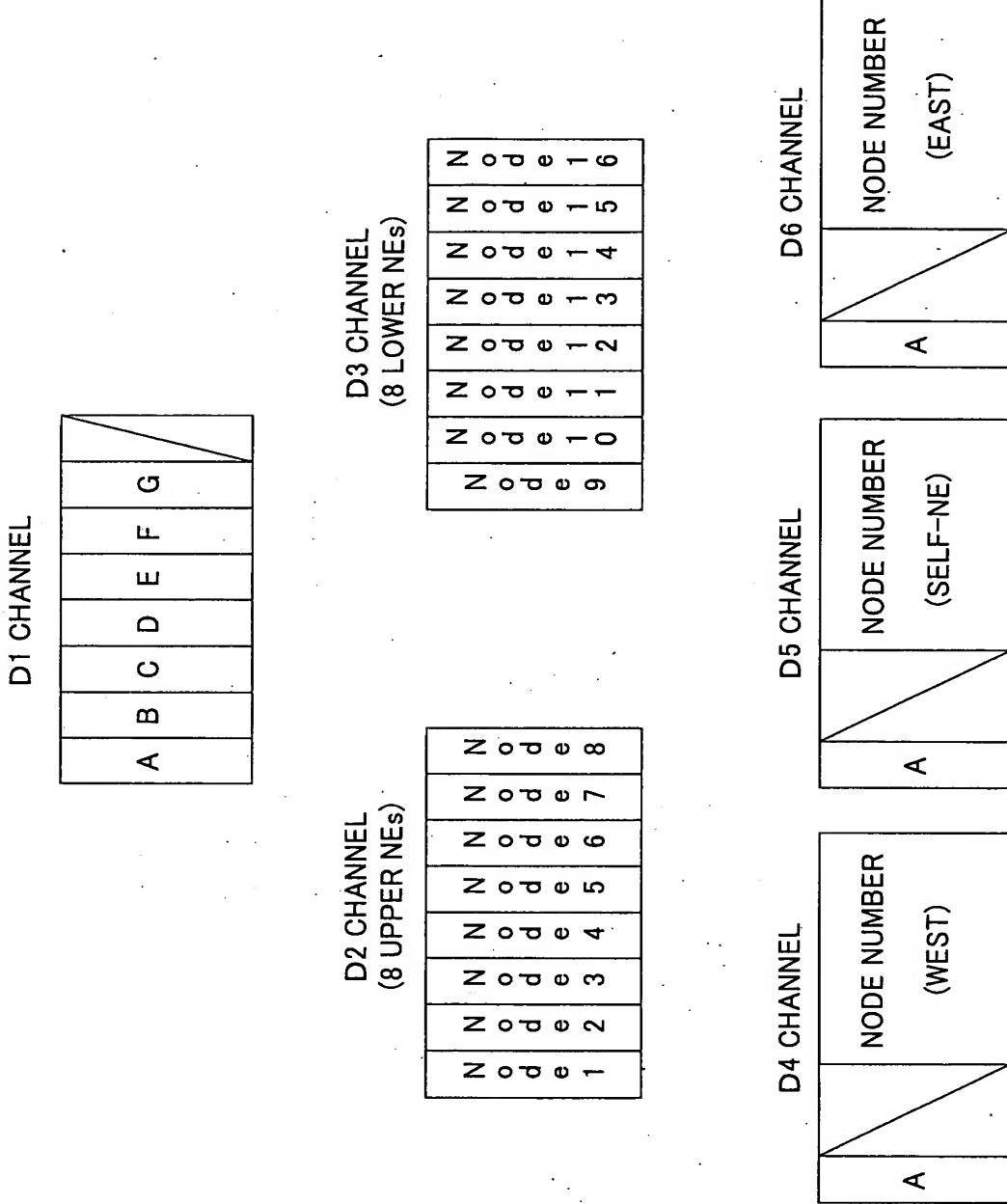


FIG. 17

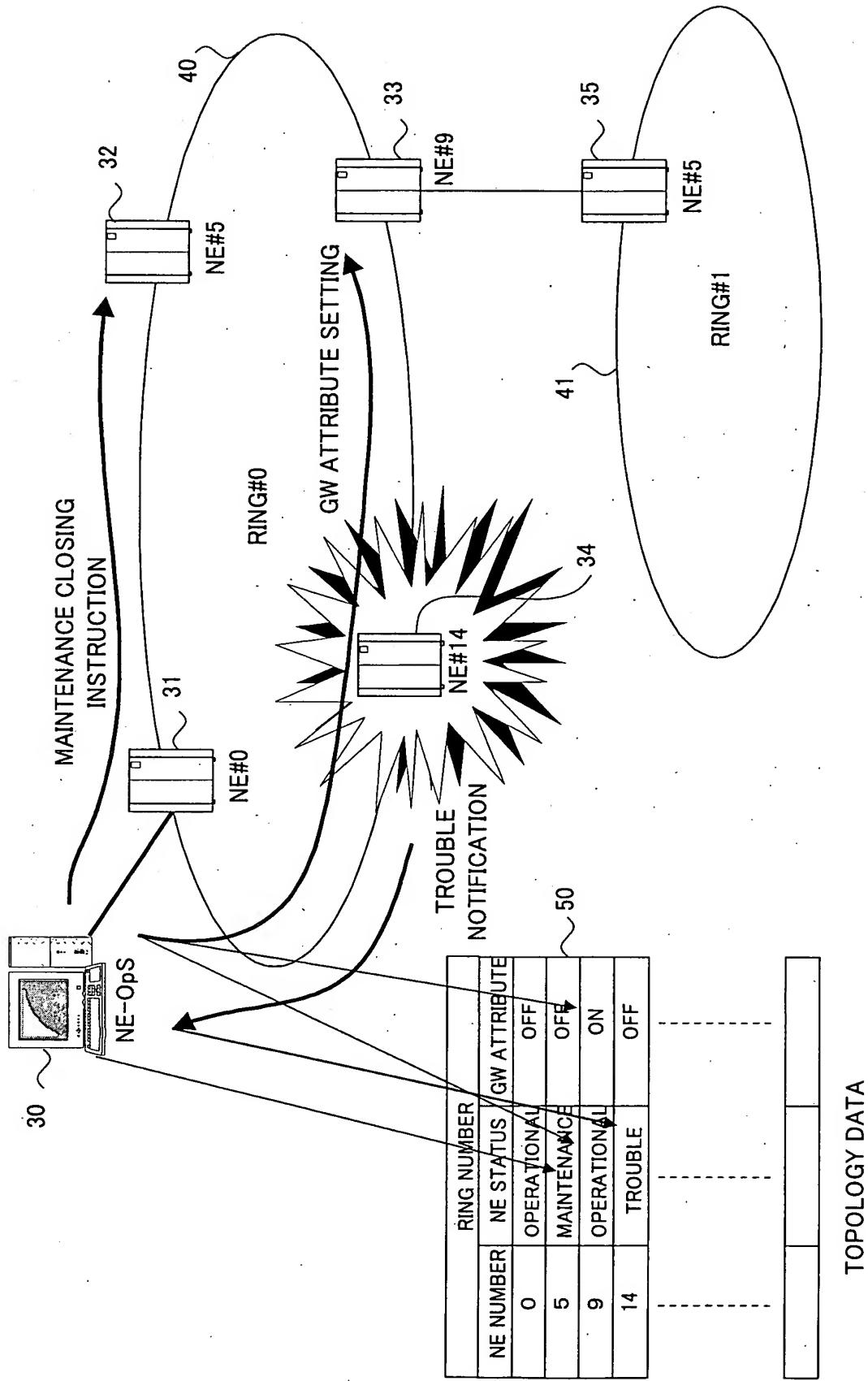


FIG.18

